

WHAT IS CLAIMED IS:

1. An imaging apparatus, comprising:
a printing mechanism; and
a print media source for supplying print media sheets to said printing mechanism, said print media source including:
5 a first media tray for holding a first print media;
a second media tray for holding a second print media; and
a sheet feeder mechanism having a sheet picking roller located to pick a top sheet of print media in said print media source, said top sheet of print media being located in one of said first media tray and said second media tray.
2. The imaging apparatus of claim 1, wherein said top sheet of print media is located in said second media tray when at least one sheet of said second print media is present, and said top sheet print media being located in said first media tray when said second media tray is empty.
3. The imaging apparatus of claim 1, said sheet picking roller being biased in a first direction to engage said top sheet of print media, regardless of which of said first media tray and said second media tray contains said top sheet of print media.
4. The imaging apparatus of claim 1, said first media tray, said second media tray and said sheet feeder mechanism being arranged such that said second print media tray must be empty before said sheet picking roller of said sheet feeder mechanism can engage a sheet of said first print media held by said first media tray.
5. The imaging apparatus of claim 1, further comprising a mounting frame, said second media tray being pivotably coupled by at least one pivot joint to said mounting frame.
6. The imaging apparatus of claim 5, wherein said second media tray pivots at said at least one pivot joint to contact an upper media sheet of said first print media in said first media tray.

7. The imaging apparatus of claim 5, wherein in the absence of said first print media in said first media tray, said second media tray pivots at said at least one pivot joint to contact a media support surface of said first media tray.

8. The imaging apparatus of claim 5, wherein said mounting frame includes a cross support extending across a width of said first media tray.

9. The imaging apparatus of claim 8, further comprising a drive shaft for driving said sheet pick roller, said drive shaft being mounted to said cross support.

10. The imaging apparatus of claim 1, said first media tray being a primary media tray and said second media tray being an auxiliary media tray.

11. An imaging apparatus, comprising:
a printing mechanism; and
a print media source for supplying print media sheets to said printing mechanism, said print media source including:
5 a first media tray for holding a first print media;
a second media tray for holding a second print media; and
a sheet feeder mechanism having a sheet picking roller, said sheet picking roller being biased in a first direction to pick a sheet of print media from said first media tray and said sheet picking roller being biased in said first direction to pick a
10 sheet of print media from said second media tray.

12. The imaging apparatus of claim 11, wherein said first media tray, said second media tray and said sheet feeder mechanism are arranged such that said second media tray must be empty before said sheet picking roller of said sheet feeder mechanism can engage a sheet of said first print media held by said first media tray.

13. The imaging apparatus of claim 11, wherein said sheet picking roller is positioned by said sheet feeding mechanism to pick a top sheet of print media, said top sheet of print media being located in said second media tray when at least one

sheet of said second print media is present, and said top sheet print media being
5 located in said first media tray when said second media tray is empty.

14. The imaging apparatus of claim 11, further comprising a mounting frame, said second media tray being pivotably coupled by at least one pivot joint to said mounting frame.

15. The imaging apparatus of claim 14, wherein said second media tray pivots at said at least one pivot joint to contact an upper media sheet of said first print media in said first media tray.

16. The imaging apparatus of claim 14, wherein in the absence of said first print media in said first media tray, said second media tray pivots at said at least one pivot joint to contact a media support surface of said first media tray.

17. The imaging apparatus of claim 14, wherein said mounting frame includes a cross support extending across a width of said first media tray.

18. The imaging apparatus of claim 17, further comprising a drive shaft for driving said sheet pick roller, said drive shaft being mounted to said cross support.

19. The imaging apparatus of claim 11, said first media tray being a primary media tray and said second media tray being an auxiliary media tray.

20. A print media source, comprising:
a first media tray for holding a first print media;
a second media tray for holding a second print media; and
a sheet feeder mechanism having a sheet picking roller located to pick a top
5 sheet of print media in said print media source, said top sheet of print media being located in one of said first media tray and said second media tray.

21. The print media source of claim 20, said sheet picking roller being biased in a first direction to engage said top sheet of print media, regardless of which of said first media tray and said second media tray contains said top sheet of print media.

22. The print media source of claim 20, said first media tray, said second media tray and said sheet feeder mechanism being arranged such that said second print media tray must be empty before said sheet picking roller of said sheet feeder mechanism can engage a sheet of said first print media held by said first media tray.

23. An imaging apparatus, comprising:

a frame;

a primary media tray for holding a primary print media; and

an auxiliary media tray pivotably coupled to said frame, said auxiliary media

5 tray configured for holding a second print media.

24. The imaging apparatus of claim 23, further comprising a sheet feeder mechanism having a sheet picking roller located to pick a top sheet of print media, said top sheet of print media being located in one of said primary media tray and said auxiliary media tray.